

AMENDMENTS TO THE CLAIMS

1-10 (cancelled)

11. (new) A low-emission molding having the formaldehyde emission of less than 15 mg/kg, measured on sheets of wall thickness 1 mm after 24 hours in accordance with VDA 275, while retaining a modulus of elasticity in accordance with ISO 527 of from 2400 to 3100 N/mm², a yield stress in accordance with ISO 527 of from 60 to 70 N/mm² and a notched impact strength in accordance ISO 179 at 23°C of from 4 to 12 mJ/mm², comprising the steps of copolymerizing trioxane with a dioxolane using a boron trifluoride initiator in such a ratio that the resulting copolymer comprises oxyethylene units as structural units in an amount of from 1.85 to 2.5 mol%, removing unconverted monomers, initiator residues and unstable end groups by dissolving and heating the resulting copolymer in a water/methanol/trioxane mixture, melting the polymer, mixing with additives and producing pellets therefrom, and injection molding said pellets to a low emission molded article used in interior fittings, interior cladding, in means for transport household products, recreational products, medical apparatuses, medical instruments or components for electrical engineering or electronics.
12. (new) The molding as claimed in claim 11, wherein the molding is a colored molding.
13. (new) The molding as claimed in claim 11, wherein the molding is used for interior fittings or interior cladding in means of transport.
14. (new) The molding as claimed in claim 13, wherein the means of transport is an automobile, aircraft or railroad cars.

15. (new) The molding as claimed in claim 11, wherein the molding is used in household products or recreational items.
16. (new) The molding as claimed in claim 15, wherein the household products are children's toys or items for babies.
17. (new) The molding as claimed in claim 11, wherein the molding is used for devices and components for electrical engineering and electronics.
18. (new) The molding as claimed in claim 11, wherein the molding is used for apparatuses or instruments for medical applications.
19. (new) The molding as claimed in claim 11, wherein the formaldehyde emission is less than 10 mg/kg.